

APRIL/MAY 2025

**FCA61/FCS61/CCA61/CCS61 — OPEN
SOURCE SOFTWARE**

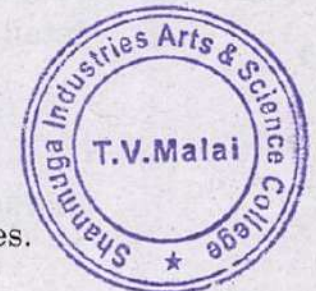
Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What are the advantages of open software?
2. What is dynamic web content?
3. Mention any two advantages of Linux.
4. What is the purpose of chmod command?
5. What are the data types used in JavaScript?
6. Define USE command.
7. Write a PHP script to select the database in MySql.
8. Define cookies.
9. What are subroutines in perl?
10. Mention any two perl parsing rules.



SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Describe in detail about HTTP Request and Response procedure with diagram.

Or

- (b) Write a note on HTML5 Canvas.

12. (a) Discuss in detail about Vi Editor.

Or

- (b) Write note on Kernel Mode and User mode in Linux.

13. (a) What are different looping statements in JavaScript? Explain.

Or

- (b) Discuss in detail about various functions in JavaScript.

14. (a) Describe the various PHP open file modes in detail.

Or

- (b) Give a brief note general syntactic characteristics of PHP.

15. (a) Explain various types of variables available in Perl.

Or

- (b) How to pass arguments to the Subroutine? Explain.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Illustrate the various types of CSS selectors with suitable example.

17. Discuss the Linux Security model in detail.

18. Explicate different types of operators in JavaScript with example.

19. Explain various types of functions in PHP with an example.

20. Discuss the data manipulation functionalities provided by Perl.

